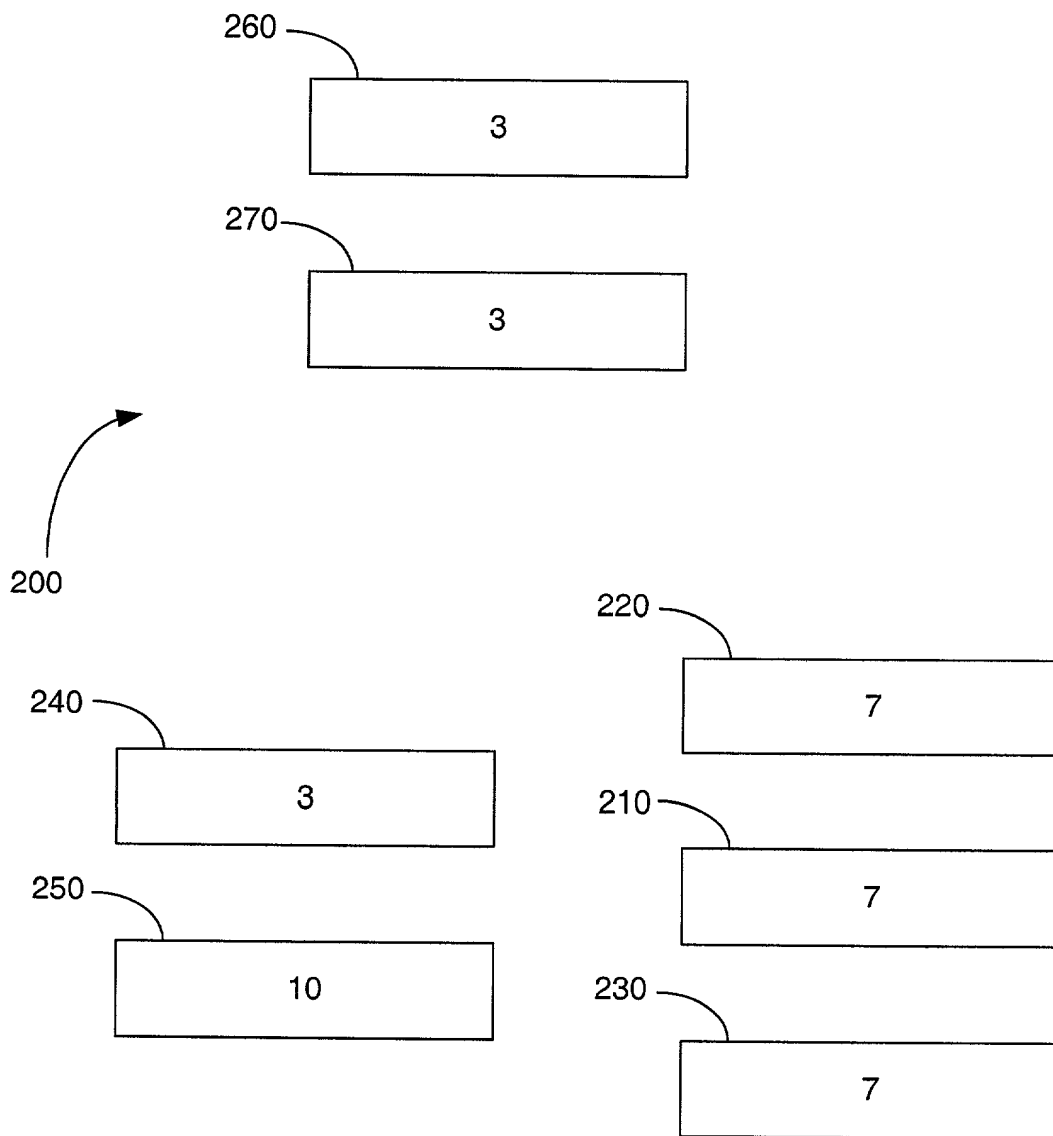


*FIG. 1*

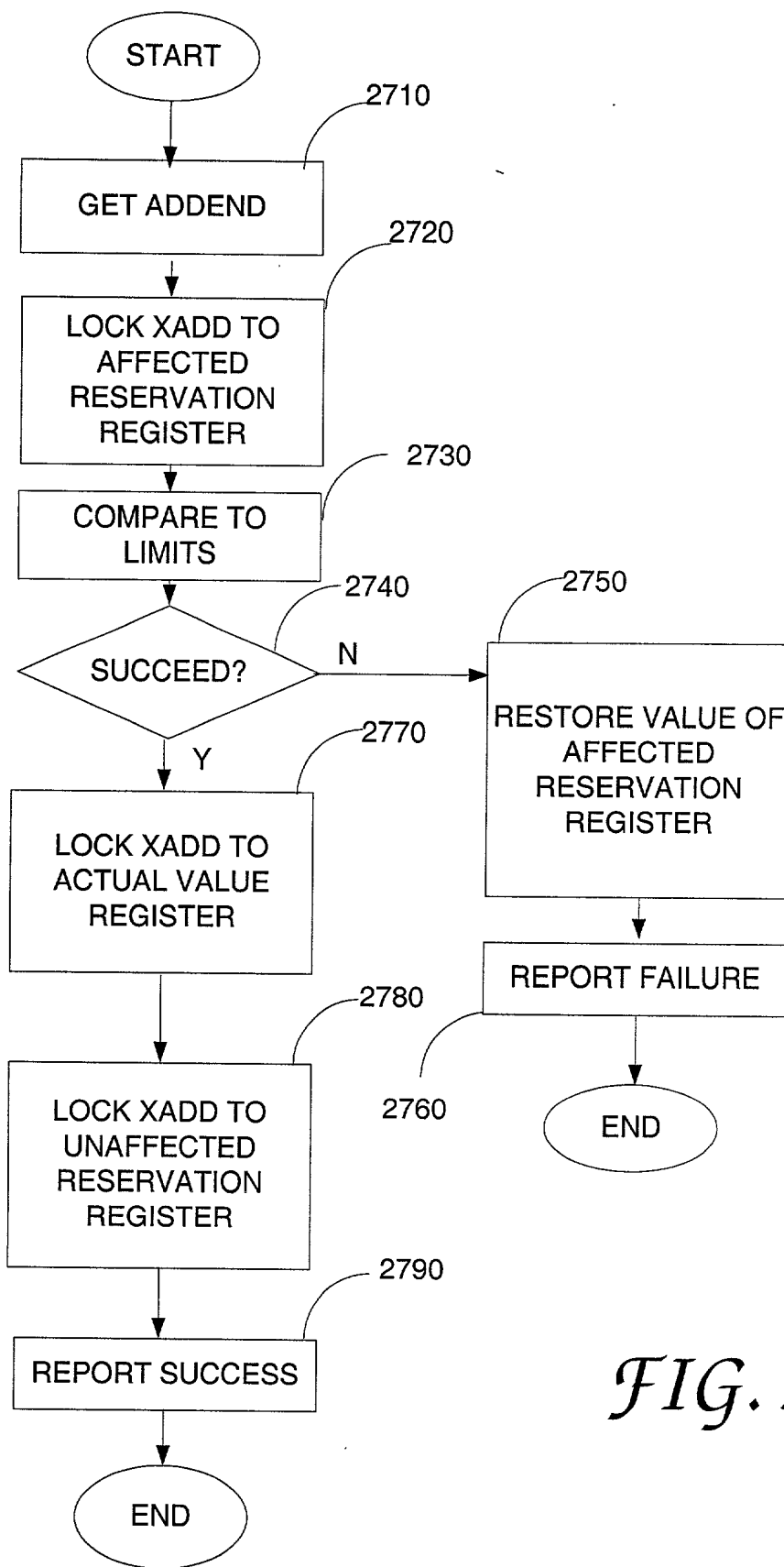
Prior Art



*FIG. 2*

FIG. 3 is a flowchart illustrating a process for handling a reservation register. The process begins with a START node, followed by a GET ADDEND block (2710). This is followed by a LOCK XADD TO AFFECTED RESERVATION REGISTER block (2720). A decision block (2740) asks if the operation SUCCEEDS. If the answer is N (No), the process moves to a RESTORE VALUE OF AFFECTED RESERVATION REGISTER block (2750), then to a REPORT FAILURE block (2780), and finally to an END node (2760). If the answer is Y (Yes), the process moves to a LOCK XADD TO ACTUAL VALUE REGISTER block (2770), then to a LOCK XADD TO UNAFFECTED RESERVATION REGISTER block (2780), then to a REPORT SUCCESS block (2790), and finally to an END node. A curved arrow labeled 2700 points from the left side of the flowchart towards the decision block (2740).

2700



*FIG. 3*